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(54) Title: TWO-COMPONENT RNA VIRUS-DERIVED PLANT EXPRESSION SYSTEM

(57) Abstract: A process for replicating or for replicating and expressing a sequence of interest in a plant, comprising: (i) an RNA replicon or a precursor thereof, said RNA replicon being derived from a plus-sense single stranded RNA virus and comprising at least one sequence of interest; and (ii) a helper replicon, or a precursor thereof, wherein said helper replicon is (a) incapable of systemic movement in said plant both in the presence and in the absence of said RNA replicon (i) and (b) capable of expressing in a plant one or more proteins necessary for systemic movement of said RNA replicon (i), whereby said RNA replicon (i) is capable of replicating or replicating and expressing said sequence of interest in said plant, but unable to move systemically in said plant in the absence of said one or more proteins expressed by said helper replicon (ii).



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